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ABSTRACT OF THE DISCLOSURE

A multi-layer display for displaying colored images in which the display contains a light source, and first and second translucent image screens which display first and second images, respectively. The first image screen is placed substantially perpendicular to a viewing axis from the light source and situated between the light source and a viewpoint. The second image screen is positioned along the viewing axis between the first image screen and the viewpoint, oriented perpendicular to the viewing axis and is spatially separated, along that axis, from the first screen. The second screen is substantially parallel to the first image screen and overlaps the first screen. The first screen is controlled to alternate part of the first image between being transparent and a first appearance. The second screen is controlled to alternate, in synchronism with the first screen, part of the second image between being occluded and a second appearance.